GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:7532
ANSWERED ON:16.05.2002
SOLAR PHOTO VOLTAIC WIND HYBRID POWER PLANT IN KARNATAKA
R.L. JALAPPA

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether the Ministry of Non-Conventional Energy Sources has sanctioned Solar PhotoVoltaic Wind Hybrid Power Plant in Karnataka;

(b) if so, the amount sanctioned for the said project so far;

(c) the site where the said project has been set up; and

(d) the details of benefits likely to be obtained from the project?

Answer

MINISTER OF STATE FOR NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a), (b), (c) & (d) : Yes Sir. The Ministry of Non-Conventional Energy Sourcessanctioned a project for installation of a solar photovoltaic-wind hybrid system of 7.75 kW aggregate capacityto Karnataka State Council for Science & Technology (KSCST) in November, 1997. The Ministry sanctioned an amount of Rs.10,30,000 towards its share for the hybrid system, out of the total project cost of Rs. 23,30,000. The project has been set up at the Government Guest House,Kemmannagundi, Chikkamagalur district. The hybrid system was commissioned in March, 2000. The system consists of a solar photovoltaic array of 5.25 kW capacity and a 2.5 kW wind electric generator.

There was no conventional electric supply in the Guest House. The electricity generated from the hybrid system isused for providing power for both indoor and outdoor lighting in the Guest House Complex.The experience from this project has been helpful in planning of projects in other areas also.